

QJM

Monthly Journal of the Association
of Physicians

Senior Editor
D.A. Warrell

Executive Editor
Julian Hopkin

Volume 92
1999

OXFORD UNIVERSITY PRESS
ISSN 1460-2725

Oxford University Press, Great Clarendon Street, Oxford OX2 6DP

© Association of Physicians 1999

*Printed in Great Britain
The Charlesworth Group*

Contents

QJM

January 1999

- 1 Peptides as drugs
C.M.B. Edwards, M.A. Cohen and S.R. Bloom
- 5 Genetic predisposition to gastric cancer
S. Bevan and R.S. Houlston
- 11 Treatment of myeloma
M.L. Smith and A.C. Newland
- 15 The misdiagnosis of epilepsy and the management of refractory epilepsy in a specialist clinic
D. Smith, B.A. Defalla and D.W. Chadwick
- 25 Prevalence of hepatitis C in prisons: WASH-C surveillance linked to self-reported risk behaviours
S.M. Gore, A.G. Bird, S.O. Cameron, S.J. Hutchinson, S.M. Burns and D.J. Goldberg
- 33 Age-independent oxidative stress in elderly patients with non-insulin-dependent diabetes mellitus
S.L. Nuttall, F. Dunne, M.J. Kendall and U. Martin
- 39 Plasma chain-breaking antioxidants in Alzheimer's disease, vascular dementia and Parkinson's disease
C.J. Foy, A.P. Passmore, M.D. Vahidassr, I.S. Young and J.T. Lawson
- 47 How should we pay doctors? A systematic review of salary payments and their effect on doctor behaviour
T. Gosden, L. Pederson and D. Torgerson
- 57 Atheroma: links with antiphospholipid antibodies, Hughes syndrome and lupus
D. Harats, J. George, Y. Levy, M.A. Khamashta, G.R.V. Hughes and Y. Shoenfeld
- 61 Anonymous survey of blood donors by polymerase chain reaction for *Tropheryma whippelii*
S.A. Misbah, D. Stirzaker, B. Ozols, A. Franks and N. Mapstone

February 1999

- 63 What should we do about blood pressure and stroke?
J.F. Potter
- 67 The role of factor XIIIVal34Leu in cardiovascular disease
H.P. Kohler and P.J. Grant
- 73 Fatty liver—an additional and treatable feature of the insulin resistance syndrome
H. Knobler, A. Schattner, T. Zhornicki, S.D.H. Malnick, D. Keter, N. Sokolovskaya, Y. Lurie and D.D. Bass
- 81 Group psychological treatment for chest pain with normal coronary arteries
S.G. Potts, R. Lewin, K.A.A. Fox and E.C. Johnstone
- 87 Patient-related outcomes five years after coronary artery bypass graft surgery
J.S. Skinner, M. Farrer, C.J. Albers, H.A.W. Neil and P.C. Adams
- 97 Cardiovascular autonomic nervous system dysfunction in patients with rheumatoid arthritis and systemic lupus erythematosus
W. Louthrenoo, P. Ruttanaumpawan, A. Aramrattana and W. Sukitawut
- 103 Central nervous system sarcoidosis—diagnosis and management
J.P. Zajicek, N.J. Scolding, O. Foster, M. Rovaris, J. Evanson, I.F. Moseley, J.W. Scadding, E.J. Thompson, V. Chamoun, D.H. Miller, W.I. McDonald and D. Mitchell
- 119 Is gliadin mispresented to the immune system in coeliac disease? A hypothesis
F. Biagi, K.P. Zimmer, P.D. Thomas, H.J. Ellis and P.J. Ciclitira
- 123 Dissecting intramural haematoma of the oesophagus exacerbated by heparin therapy
S.N. Cullen and R.W.C. Chapman

March 1999

- 125 Pigmentation, melanocortins and red hair
J.L. Rees and N. Flanagan
- 133 Calcium channelopathies
M.G. Benatar
- 143 Effect of calcitonin on vertebral and other fractures
J.A. Kanis and E.V. McCloskey
- 151 Cerebral malaria versus bacterial meningitis in children with impaired consciousness
J.A. Berkley, I. Mwangi, F. Mellington, S. Mwarumba and K. Marsh
- 159 Management of renovascular disease: a review of renal artery stenting in ten studies
C.G. Isles, S. Robertson and D. Hill
- 169 Age does not influence levels of HbA_{1c} in normal subjects
K. Wiener and N.B. Roberts
- 175 Pre-conception diabetes care in insulin-dependent diabetes mellitus
F.P. Dunne, P. Brydon, T. Smith, M. Essex, H. Nicholson and J. Dunn
- 177 Bootstrapping: estimating confidence intervals for cost-effectiveness ratios
M.K. Campbell and D.J. Torgerson

April 1999

- 183 Mendel and his legacy
T.M. Cox
- 187 The management of hypertensive disease in Black patients
C.R. Gibbs, D.G. Beevers and G.Y.H. Lip
- 193 Improved antioxidative protection in winter swimmers
W.G. Siems, R. Brenke, O. Sommerburg and T. Grune
- 199 The winter bed crisis—quantifying seasonal effects on hospital bed usage
K.J. Fullerton and V.L.S. Crawford
- 207 Fasting plasma glucose and subsequent macrovascular disease after 10 years follow-up: a collaborative study on two populations
J.W.G. Yarnell, C.C. Patterson, H.F. Thomas and P.M. Sweetnam
- 211 The very long-term prognosis and complications of lupus nephritis and its treatment
L. Bono, J.S. Cameron and J.A. Hicks
- 219 Cholesterol in peripheral vascular disease—a suitable case for treatment?
A.L. Clark, J.C. Byrne, A. Nasser, E. McGroarty and J.A. Kennedy
- 223 Genetic markers to predict polygenic disease: a new problem for social genetics
D.J. Galton and G.A.A. Ferns
- 233 Cerebellar syndrome in *Plasmodium falciparum* malaria
D.K. Kochhar, Shubhakaran, B.L. Kumawat, I. Thanvi and N. Agrawal

May 1999

- 235 Innate immunity and the biological relevance of the acquired immune response
D.T. Fearon
- 239 Antioxidant therapy for the prevention of cardiovascular disease
S.L. Nuttall, M.J. Kendall and U. Martin
- 245 Secondary prevention of coronary heart disease in primary care: a healthy heart initiative
D.E.H. Flanagan, P. Cox, D. Paine, J. Davies and M. Armitage
- 251 Long-hours home haemodialysis—the best renal replacement therapy method?
A. Covic, D.J.A. Goldsmith, M.C. Venning and P. Ackrill
- 261 Determinants of the first decade of bone loss after menopause at spine, hip and radius
J. Reeve, J. Walton, L.J. Russell, M. Lunt, R. Wolman, R. Abraham, J. Justice, A. Nicholls, B. Wardley-Smith, J.R. Green and A. Mitchell
- 275 Can intensive treatment alter the progress of established diabetic nephropathy to end-stage renal failure?
T.G. Feest, E.J. Dunn and C.J. Burton

- 283 Psychiatric morbidity in patients with systemic lupus erythematosus
K.N. Purandare, A.C. Wagle and S.R. Parker
- 287 Antibiotic prescribing—are there lessons for physicians?
D. Nathwani and P. Davey
- 293 Treatment of SIADH with isotonic saline
G. Gill and G.P. Leese
- 293 Fatigue syndromes
J.G. Scadding
- 294 Trial acronyms a trial
T.O. Cheng

June 1999

- 295 Screening for left ventricular systolic dysfunction in patients with stroke, transient ischaemic attacks, and peripheral vascular disease
R. Kelly and A.D. Struthers
- 299 Vaccine therapy for cancer—fact or fiction?
T.R.J. Evans and S.B. Kaye
- 309 Familial Mediterranean fever in children: the expanded clinical profile
H.A. Majeed, M. Rawashdeh, H. El-Shanti, H. Qubain, N. Khuri-Bulos and H.M. Shahin
- 319 Substance misuse in acute general medical admissions
U.P. Canning, S.A. Kennell-Webb, E.J. Marshall, S.C. Wessely and T.J. Peters
- 327 Lower cardiac mortality in smokers following thrombolysis for acute myocardial infarction may be related to more effective fibrinolysis
I.F. Purcell, N. Newall and M. Farrer
- 335 Is whole-lung CT scanning still necessary in all cases of ACTH-dependent Cushing's syndrome in the era of petrosal sinus sampling
A. Heaney, G. Loughrey, D. McCance, E. McIlrath, D. Hadden, L. Kennedy, B. Sheridan and A.B. Atkinson
- 341 Aortic atherosclerotic debris detected by trans-oesophageal echocardiography—a risk factor for cholesterol embolization
W.P. Orr and A.P. Banning
- 347 The relevance of non-linear mathematics (chaos theory) to the treatment of cancer, the role of the immune response and the potential for vaccines
A. Dalgleish

July 1999

- 361 *Helicobacter pylori* in the faeces?
L.T. Weaver, A.J. Shepherd, C.P. Doherty, K.E.L. McColl and C.L. Williams
- 365 Coarctation of the aorta: natural history and outcome after surgical treatment
N.P. Jenkins and C. Ward
- 373 The rise in circulating gastrin with age is due to increases in gastric autoimmunity and *Helicobacter pylori* infection
S.V. Jassal, J.E.S. Ardill, D. Fillmore, K.B. Bamford, F.A. O'Connor and K.D. Buchanan
- 379 Prediction of coronary risk for primary prevention of coronary heart disease: a comparison of methods
I.U. Haq, L.E. Ramsay, P.R. Jackson and E.J. Wallis
- 387 Atorvastatin compared with simvastatin-based therapies in the management of severe familial hyperlipidaemias
A.S. Wierzbicki, P.J. Lumb, Y. Semra, G. Chik, E.R. Christ and M.A. Crook
- 395 Oral corticosteroid trials in the management of stable chronic obstructive pulmonary disease
L. Davies, M. Nisar, M.G. Pearson, R.W. Costello, J.E. Earis and P.M.A. Calverley
- 401 Clinical features and treatment outcome of idiopathic membranous nephropathy in Chinese patients
S. Tang, T.M. Chan, I.K.P. Cheng and K.N. Lai
- 407 Brain death diagnosis in misleading conditions
M. de Tourchaninoff, P. Hanston, P. Mahieu and J.M. Guérat
- 415 Organ donation after fatal poisoning
P. Hanston and P. Mahieu

- 418 Nomenclature of optimal BMI: slim's the word
B.G. Charlton and M.J. Tovee
419 Pigmentation, melanocortins and red hair
I.J.P. Loefler

August 1999

- 421 The progression of chronic renal failure: a harmful quartet
A.M. El-Nahas and N. Tamimi
425 Psychology in coronary care
D. Lane, D. Carroll and G.Y.H. Lip
433 Long-term outcome of chronic hepatitis C virus infection in primary hypogammaglobulinaemia
K. Bjørø, K. Skaug, T. Haaland and S.S. Frøland
443 The care of patients with diabetic nephropathy: audit, feedback, and improvement
E.J. Dunn, C.J. Burton and T.G. Feest
451 Pregnancy outcome in women with insulin-dependent diabetes mellitus complicated by nephropathy
F.P. Dunne, T.A. Chowdhury, A. Hartland, T. Smith, P.A. Brydon, C. McConkey and H.O. Nicholson
455 Antithyroid-drug-induced agranulocytosis complicated by life-threatening infections
W.H. Sheng, C.-C. Hung, Y.-C. Chen, C.T. Fang, S.-M. Hsieh, S.-C. Chang and W.-C. Hsieh
463 *CCR7 (EB11)* receptor down-regulation in asthma: differential gene expression in human CD4⁺ T lymphocytes
F. Syed, S.J. Blakemore, D.M. Wallace, M.K. Trower, M. Johnson, A.F. Markham and J.F.J. Morrison
473 Is Parkinson's disease a primary olfactory disorder?
C.H. Hawkes, B.C. Shepherd and S.E. Daniel
481 Hypertensive disease in Black patients
T.O. Cheng

September 1999

- 483 Management of acute yellow oleander poisoning
M. Eddleston and D.A. Warrell
487 Cough in motor neuron disease: a review of mechanisms
S. Hadjikoutis, C.M. Wiles and R. Eccles
495 Hyperphenylalaninaemia in children with falciparum malaria
C.O. Enwonwu, B.M. Afolabi, L.A. Salako, E.O. Idigbe, H. Al-Hassan and R.A. Rabiu
505 Lack of evidence for the heterosexual transmission of hepatitis C
G. Neumayr, A. Probst, H. Schwaighofer, G. Judmaier and W. Vogel
509 Haemodynamic responses and changes of haemostatic risk factors in cold-adapted humans
F. De Lorenzo, Z. Kadziola, M. Mukherjee, N. Saba and V.V. Kakkar
515 Proteinuria in atherosclerotic renovascular disease
A.D. Makanjuola, M. Suresh, P. Laboi, P.A. Kalra and J.E. Scoble
519 Management of hypertension in patients developing end-stage renal failure
I. Dasgupta, R.J. Madeley, M.A.L. Pringle, J. Savill and R.P. Burden
527 Interaction of dietary antioxidants *in vivo*: how fruit and vegetables prevent disease?
M.A. Eastwood
531 Vegetarian diet: panacea for modern lifestyle diseases?
M. Segaloth and P.A. Phillips
545 Corrigendum—H.A. Majeed *et al.*

October 1999

- 547 Liver transplantation
J. Neuberger
551 The effects of methotrexate on pregnancy, fertility and lactation
M.E. Lloyd, M. Carr, P. McElhatton, G.M. Hall and R.A. Hughes
565 Diagnosis and risk stratification of patients with anginal pain and non-diagnostic electrocardiograms
T. Mathew, I. Menown, B. Smith, M. Smye, S. Nesbitt, I. Young and A.A.J. Adgey

- 573 Multiple logistic regression analysis of plasma paraquat concentrations as a predictor of outcome in 375 cases of paraquat poisoning
A.L. Jones, R. Elton and R. Flanagan
- 579 Antioxidant enzymes, inflammatory indices and lifestyle factors in older men: a cohort analysis
C.W. Mulholland, P.C. Elwood, A. Davis, D.I. Thurnham, O. Kennedy, J. Coulter, A. Fehily and J.J. Strain
- 587 Serum transferrin receptor assay in iron deficiency anaemia and anaemia of chronic disease in the elderly
E. Chua, J.E. Clague, A.K. Sharma, M.A. Horan and M. Lombard
- 595 Similarities and differences between augmentation index and pulse wave velocity in the assessment of arterial stiffness
Yasmin and M.J. Brown
- 601 Salt, obesity, and alcohol fail to induce a lasting rise of blood pressure with age, and may be independent of renocortical vasculopathy
R.E. Tracy
- 609 Study requirements for investigation of HLA-associated progression of HIV disease, and review
S.M. Gore, S.J. Hutchinson and R.P. Brettle

November 1999

- 619 Echocardiography in stroke and thromboembolism: transoesophageal imaging for all?
K.M. Cannon and A.P. Banning
- 623 Tilt table testing in the diagnosis of unexplained syncope
S.W. Parry and R.A. Kenny
- 631 Pregnancy does not adversely affect renal transplant function
A.V. Crowe, R. Rustom, C. Gradden, R.A. Sells, A. Bakran, J.M. Bone, S. Walkinshaw and G.M. Bell
- 637 Equity of renal replacement therapy utilization: a prospective population-based study
W. Metcalfe, A.M. MacLeod, D. Bennett, K. Simpson and I.H. Khan, on behalf of the Scottish Renal Registry
- 643 Accuracy of CT scanning and adrenal vein sampling in the pre-operative localization of aldosterone-secreting adrenal adenomas
R. Harper, C.G. Ferrett, J.A. McKnight, E.M. McIlrath, C.F. Russell, B. Sheridan and A.B. Atkinson
- 651 Titres of anti-neutrophil cytoplasmic antibodies in inflammatory bowel disease are not related to disease activity
C. Roozendaal, K. Pogány, E.J. Hummel, G. Horst, G. Dijkstra, G.F. Nelis, P.C. Limburg, J.H. Kleibeuker and C.G.M. Kallenberg
- 659 Out-patient parenteral antimicrobial therapy—a viable option for the management of cutaneous leishmaniasis
R.A. Seaton, J. Morrison, I. Man, J. Watson and D. Nathwani
- 669 Decision analysis and the implementation of evidence-based medicine
F.P. Sarasin
- 673 Beta-blockers for heart failure—time to think the unthinkable?
C.H. Davies and Y. Bashir
- 679 Lower cardiac mortality in smokers following thrombolysis
D.E. Newby and N.A. Boon
I. Purcell and M. Farrer

December 1999

- 683 Risk of importation of diseases exotic to Great Britain following the relaxation of quarantine regulations
R. Bellamy and R. Salmon
- 689 Seasonal variations in coronary heart disease
J.P. Pell and S.M. Cobbe
- 697 The management of vasovagal syncope
S.W. Parry and R.A. Kenny
- 707 Capture-recapture-adjusted prevalence rates of type 2 diabetes are related to social deprivation
A.A. Ismail, N.J. Beeching, G.V. Gill and M.A. Bellis
- 711 Troponin-I, myoglobin, and mass concentration of creatine kinase-MB in acute myocardial infarction
A. Chiu, W.-K. Chan, S.-H. Cheng, C.K. Leung and C.-H. Choi

- 719 Acute bacterial meningitis in adults: a hospital-based epidemiological study
L.-M. Tang, S.-T. Chen, W.-C. Hsu and R.-K. Lyu
- 727 Behçet's syndrome: a multidisciplinary approach to clinical care
A.J. Whallett, G. Thurairajan, J. Hamburger, R.G. Palmer and P.I. Murray
- 741 Outcome of surgery for acromegaly—the experience of a dedicated pituitary surgeon
N.J.L. Gittoes, M.C. Sheppard, A.P. Johnson and P.M. Stewart
- 747 Cold adaptation and the seasonal distribution of acute myocardial infarction
F. De Lorenzo, V. Sharma, M. Scully and V.V. Kakkar
- 753 The Ninety-third Annual General Meeting of the Association of Physicians of Great Britain and Ireland 1999

